



500.39590X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: MIYAKI et al.  
Serial No.: 09/785,452  
Filed: February 20, 2001  
For: SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE  
AND METHOD OF MANUFACTURING THE SAME  
Group: 2827  
Examiner: L. Cruz

REC'D U.S. PATENT & TRADEMARK OFFICE  
OCT 17 2002  
#11  
IDS  
J. McMillan  
10/21/02

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 & 1.98**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

October 17, 2002

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR 1.97(e):

On information and belief, I hereby certify that no item of information in the information disclosure statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 1.56(c) more than three months prior to the filing of this information disclosure statement.

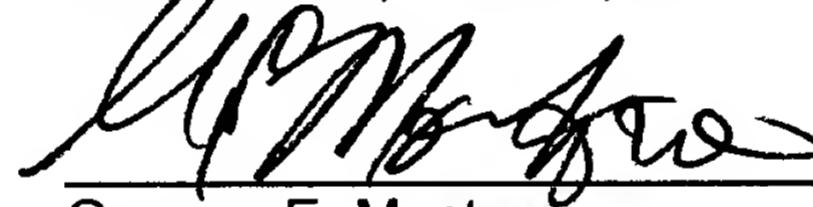
To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language abstract of each of the documents provided herewith and the English language foreign Office Action.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (500.39590X00) please credit any excess fees to such deposit account.

Respectfully submitted,

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Erhalten  
04. OKT. 2002  
Strehl et al.

Datum/Date  
04.10.02

Zeichen/Ref./Réf. EPA-38575	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 01102524.4-2203-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Hitachi, Ltd.	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract

title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 22



## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number

EP 01 10 2524

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	PATENT ABSTRACTS OF JAPAN vol. 010, no. 337 (E-454), 14 November 1986 (1986-11-14) & JP 61 140160 A (HITACHI CABLE LTD), 27 June 1986 (1986-06-27) * abstract * --- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 02, 29 February 2000 (2000-02-29) -& JP 11 307710 A (MATSUSHITA ELECTRIC IND CO LTD), 5 November 1999 (1999-11-05) * abstract * -& US 6 087 714 A (MATSUSHITA ELECTRIC COMPANY) 11 July 2000 (2000-07-11) * figure 5C *	1-17	H01L23/495 H01L23/49 H01L21/607
A	EP 0 967 649 A (LUCENT TECHNOLOGIES INC) 29 December 1999 (1999-12-29) * figure 3 *	1-17	
A	US 5 455 195 A (RAMSEY THOMAS H ET AL) 3 October 1995 (1995-10-03) * column 3, line 54 - column 4, line 30 *	1-17	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H01L
The present search report has been drawn up for all claims			
1	Place of search  THE HAGUE	Date of completion of the search  26 September 2002	Examiner  Ahilstedt, M
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 2524

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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26-09-2002

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